

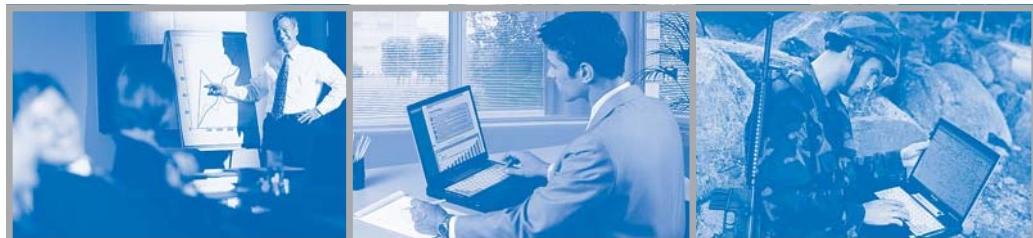
TOUGHBOOK®

Computers for the Outside World™

toughbook 50

Full-featured, Affordable Desktop Alternative

- Magnesium Alloy LCD Case
- Shock-mounted, Removable HDD
- Intel® Centrino™ Mobile Technology
- Three Integrated Drives



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Computers for the Outside World™

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Full-featured, Affordable Desktop Alternative

CPU

- Intel® Pentium® M Processor 705:
 - 1MB L2 cache
 - Processor speed 1.50GHz
 - 400MHz FSB

STORAGE & MEMORY

- 256MB SDRAM standard, expandable to 1280MB
- 40GB HDD (shock-mounted and easily removable)
- 1.44MB FDD and Combo Drive (DVD-ROM*/CD-RW**) standard

DISPLAY

- 14.1" 1024x768 (XGA) TFT Active Matrix Color LCD
- ATI MOBILITY™ RADEON™ 9000, 64MB
- External video support up to 2048 x 1536 at 4 billion colors (32 bit color depth)

AUDIO

- SigmaTel™ ST9753T
- Integrated stereo speakers
- Convenient keyboard volume and mute controls

EXPANSION SLOT

- PC Card Type II x 2 or Type III x 1

KEYBOARD & INPUT

- 87-key with dedicated Windows® key
- Electrostatic touchpad with scrolling support

INTERFACE

• External Keyboard/Mouse	Mini-DIN 6 pin
• External Video	D-sub 15 pin
• Headphones/Speaker	Mini-jack Stereo
• IEEE 1394 (Firewire)	4 pin
• Microphone/Line In	Mini-jack
• Parallel	D-sub 25 pin (bi-directional/ECP)
• Port Replicator	Dedicated 100 pin
• Serial	D-sub 9 pin (UART 16550A compatible)
• USB 2.0 (x2)	4 pin
• 10/100 Ethernet	RJ-45
• 56K Modem	RJ-11

WIRELESS LAN

- Intel® PRO/Wireless 2200BG network connection 802.11b+g

POWER SUPPLY

- Lithium Ion battery pack (11.1V, 6600mAh)
- Battery operation: 7 hours, 16 minutes***
- Battery charging time: approximately 3.8 hours/off, 6 hours/on***
- AC Adapter: AC 100V-240V 50/60Hz, Auto Sensing/Switching worldwide power supply
- Pop-up on-screen battery status reporting

POWER MANAGEMENT

- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS

SOFTWARE

- Microsoft® Windows® XP Professional
- Setup, Diagnostics, On-line Reference Manual, Adobe® Acrobat® Reader

SECURITY FEATURES

- Password Security: Supervisor, User, Hard-Disk Lock
- Cable lock slot

WARRANTY

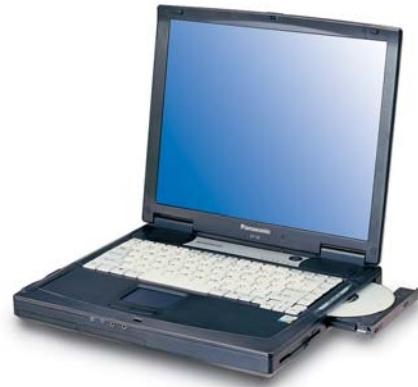
- 3-year limited warranty, parts & labor

DIMENSIONS & WEIGHT

- 1.85"(H) x 12.8"(W) x 10.9"(D)
- 7.7 lbs.

For more information call 1-800-662-3537 or visit us on the Web at panasonic.com/toughbook.

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- Magnesium Alloy LCD Case
- Shock-mounted, Removable HDD
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- Three Integrated Drives

INTEGRATED OPTIONS****

- SmartCard Reader

ACCESSORIES

• AC Adapter (3 pin)	CF-AA1653AM
• Battery Charger	CF-VCBTB1U
• ComFolio Universal Carrying Case (large capacity, fits all Toughbooks)	CF-COMUNIV
• FieldMate Carrying Case	CF-FM50
• FieldMate User Harness	CF-FMUH
• Lithium Ion Battery Pack	CF-VZSU18BU
• Memory Cards	<ul style="list-style-type: none"> - 256MB - 512MB - 1GB
• Mobile Data Wireless Display	CF-WMBA40256F
• Mobile Data Wireless Display with Magnetic Stripe Reader and Fingerprint Scanner	CF-WMBA40512E
• Port Replicator	CF-VDW07BHM
	CF-VDW07RFHM
	CF-VEB501W

*Decoder software is required for DVD movie play. (Included)

**CD authoring software is required to write CD-R/RW. (Included)

***Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery testing results from MobileMark 2002.

****Integrated Options may vary depending on your notebook configuration.

Please consult your reseller or Panasonic representative before purchasing.

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